Islay Offshore Wind Farm

Development: SSE Renewables

Site size:

Covering an area of approximately 93km²

Site location:

The proposed Islay Offshore Wind Farm is located 13 km off the west coast of Islay. Swell direction is predominantly westerly and surf beaches Saligo Bay(18km) Lossit Bay (17km), Ardnave Bay (30km) and (19km)Machir Bay could be affected.

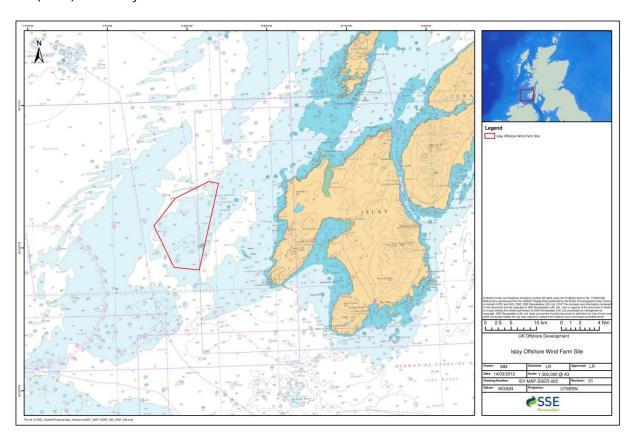


Image: © SSE Renewables (UK) Ltd.

Technology:

More details will be available once the environmental statement is released.

The wind farm would have an installed capacity of around 690 MW, generating emission free electricity for approximately 732,660 homes. There will be up to 138 wind turbines at 5MW each. The exact specification for the turbines would be determined once more information becomes available on site conditions.

Foundation design would depend on the nature of the seabed. The substructure should be one that could be installed quickly and efficiently and exist for the operational life of the wind farm with minimum maintenance. A detailed study to identify the physical parameters of the site would allow turbine sizes, foundation types and likely installation methodologies to be ascertained. A number of options for foundation type and installation methods would be presented in the ES (environmental statement).

Turbines would be electrically connected to each other and offshore substations via inter-array cable circuits. Offshore substations would house transformer(s), associated switchgear equipment, accommodation and possibly a helipad

Development Stage:

SSE currently plans to progress the EIA and consent application next year (2014). The pre-submission public exhibitions that were previously planned for summer 2013 are expected to be held next year (2014)

Timeline:

Scoping Report available online: 09/03/2011

Scoping Opinion available online: 09/03/2011

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Consultees:

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http://www.islaycc.btck.co.uk/Contact%20us

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SAS Traffic Light System:

More details are needed to estimate the impact the development will have on the local wave resource and surfing community.

